Typhoon (TY) 08W (Koni)

First Poor : 0600Z 11 Jul 03

First Fair : 0600 13 Jul 03

First TCFA : 0200 15 Jul 03

First Warning : 1200Z 15 Jul 03

Last Warning : 1800Z 22 Jul 03

Max Intensity : 65 kts, gusts to 80 kts

Landfall : Central Philippines, Hainan Island and North Vietnam

Total Warnings : 30

Remarks:

1) Typhoon (TY) 08W was first detected as a tropical disturbance northwest of Yap around 1200Z on 11 July. Subsequently, the first warning on this circulation was issed at 1200Z on 15 July.

Primary steering for the system was provided by the subtropical ridge situated to the north of the system. As TY 08W tracked westward over the Philippines, land effects caused a brief period of weakening, which was eased as the system again tracked over open water in the South China Sea.

Subsequent to making landfall on Hainan Island, the cyclone tracked more westward and weakened as the ridge to the north began to build. TY 08W again made landfall, near Hanoi, Vietnam where it quickly dissipated over land. A final warning was issued at 1800Z on 22 July.

Although TY 08W had maximum winds of 65 knots, no well-formed eye was ever noted in any meteorological satellite data. Rather, the well-defined banding features of this cyclone was the reason TY 08W was designated as a typhoon.

2) Damages reported on Hainan Islands were moderate, with interruptions in air and maritime service being primary. Vietnam indicated three casualties and 18 injured. Approximately 1,000 homes destroyed with significant damage to agricultural interests.

Statistics for JTWC on TY 08W

	WRN	BEST TRACK			POSITION ERRORS								WIND ERRORS							
DTG	NO.	LAT	LONG	wind	00	12	24	36	48	72	96	120	00	12	24	36	48	72	96	120
03071412		10.5N	136.9E	15																
03071418		10.5N	135.7E	15																
03071500		10.4N	134.5E	15																
03071506		10.2N	133.3E	20																
03071512	1	10.0N	132.1E	25	30	54	60	87	135	213	196	189	0	0	5	-5	5	0	0	-20
03071518	2	10.0N	130.9E	25	6	13	54	104	190	284	306	334	0	0	-5	0	5	0	-5	-20
03071600	3	10.1N	129.8E	30	13	30	47	109	192	245	255	305	0	10	0	5	0	-5	-15	-25
03071606	4	10.3N	128.8E	30	13	24	87	164	240	285	263	268	5	0	5	5	0	-5	-20	5
03071612	5	10.6N	127.8E	30	26	54	130	219	259	267	221	238	10	0	5	0	-5	-5	-20	5
03071618	6	10.9N	126.8E	40	35	100	179	247	264	289	354	422	5	10	5	0	0	-15	-15	0
03071700	7	11.0N	125.7E	45	6	85	180	218	238	253	241	289	0	0	-5	-5	-10	-20	-15	0
03071706	8	11.0N	124.5E	40	6	71	149	174	171	121	173	247	0	0	-10	-10	0	-10	0	10
03071712	9	11.3N	123.2E	40	11	67	100	120	109	62	121	231	0	-10	-10	0	10	-5	10	25
03071718	10	11.5N	121.9E	40	35	29	45	55	59	17	93	166	0	0	10	20	20	5	5	10
03071800	11	11.8N	120.5E	45	48	34	30	34	17	13	62		0	5	15	20	10	5	0	
03071806	12	12.4N	119.4E	45	8	18	36	42	30	21	119		-5	0	10	10	-5	0	-10	
03071812	13	13.0N	118.6E	45	18	42	48	42	13	62	141		-5	0	10	0	-5	0	5	
03071818	14	13.4N	117.9E	45	21	34	23	34	50	97	210		0	5	5	-5	0	10	10	
03071900	15	13.9N	117.3E	45	13	8	6	31	27	114			0	5	-5	-5	0	-5		
03071906	16	14.5N	116.7E	45	8	17	24	21	8	102			0	-5	-15	-10	0	-10		
03071912	17	15.1N	116.2E	45	5	21	26	33	48	138			0	-15	-15	-10	-10	-5		
03071918	18	15.7N	115.6E	50	5	13	19	24	83	198			0	-5	-5	5	-15	15		
03072000	19	16.3N	115.0E	60	13	13	13	25	103				5	10	15	15	-5			

03072006	20	17.0N	114.3E	65	6	6	17	78	79				0	10	20	10	0		
03072012	21	17.6N	113.6E	65	0	24	40	99	100				0	10	20	-5	15		
03072018	22	18.0N	112.8E	65	0	6	66	84	138				0	5	5	0	5		
03072100	23	18.3N	112.0E	65	0	21	96	110					0	10	-15	0			
03072106	24	18.7N	111.1E	60	0	54	76	128					5	0	-5	0			
03072112	25	18.8N	110.0E	55	0	65	90						10	-5	5				
03072118	26	18.8N	108.6E	60	34	62	25						5	0	-5				
03072200	27	18.9N	107.3E	60	11	61							0	5					
03072206	28	19.8N	106.4E	55	11	50							0	-5					
03072212	29	20.1N	105.0E	40	18								0						
03072218	30	19.7N	103.8E	35	24								0						
			AVERAGE		14	39	64	95	116	154	197	269	2	5	9	6	6	7	9	12
			BIAS										1	1	2	1	1	-3	-5	-1
			# CASES		30	28	26	24	22	18	14	10	30	28	26	24	22	18	14	10

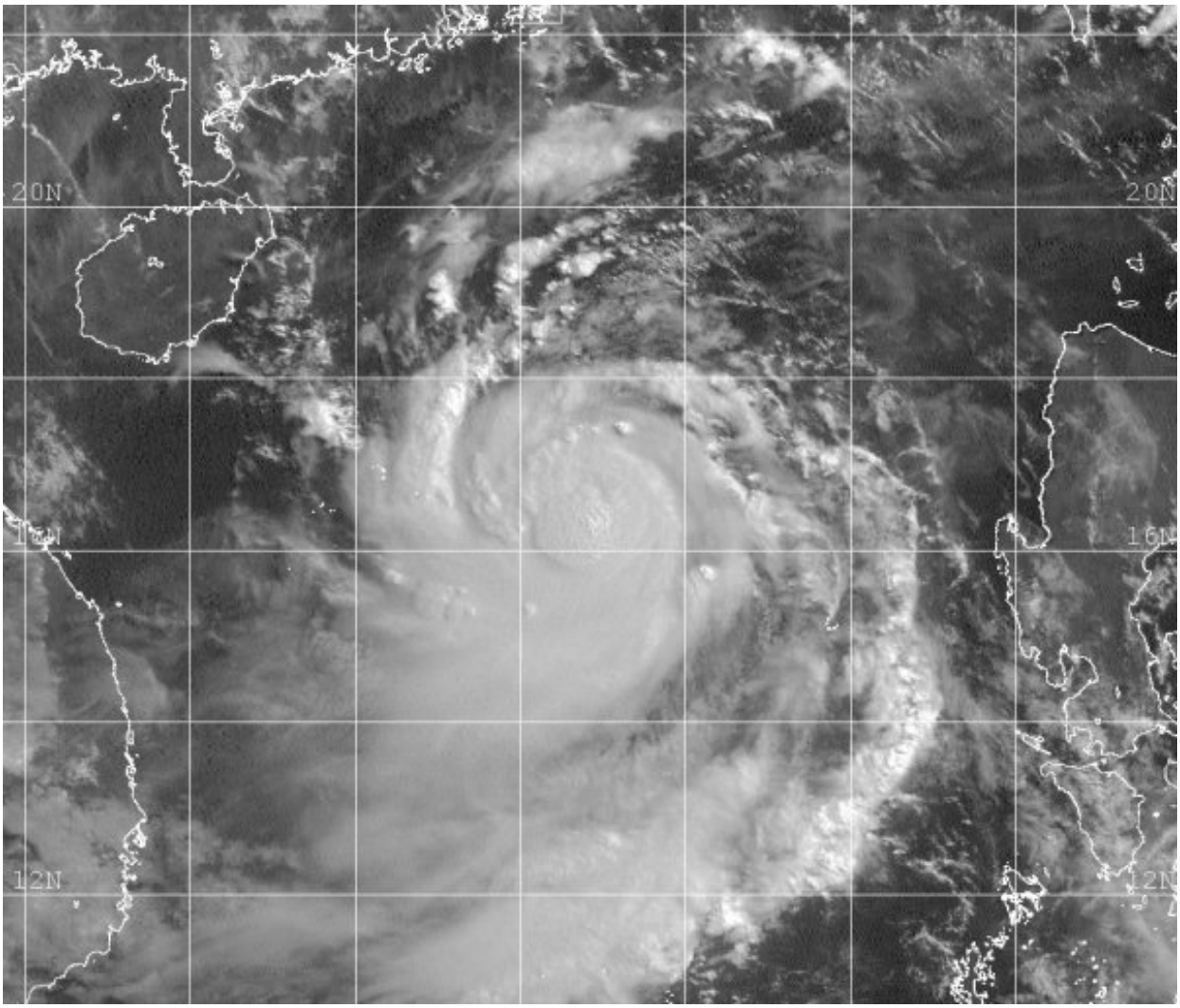


Figure 1-08W-1. 200001Z July 2003 GOES-9 visible satellite imagery of TY 08W (Koni), located 310 nm west of Luzon, Philippines in the south china sea at its peak intensity of 65 knots.

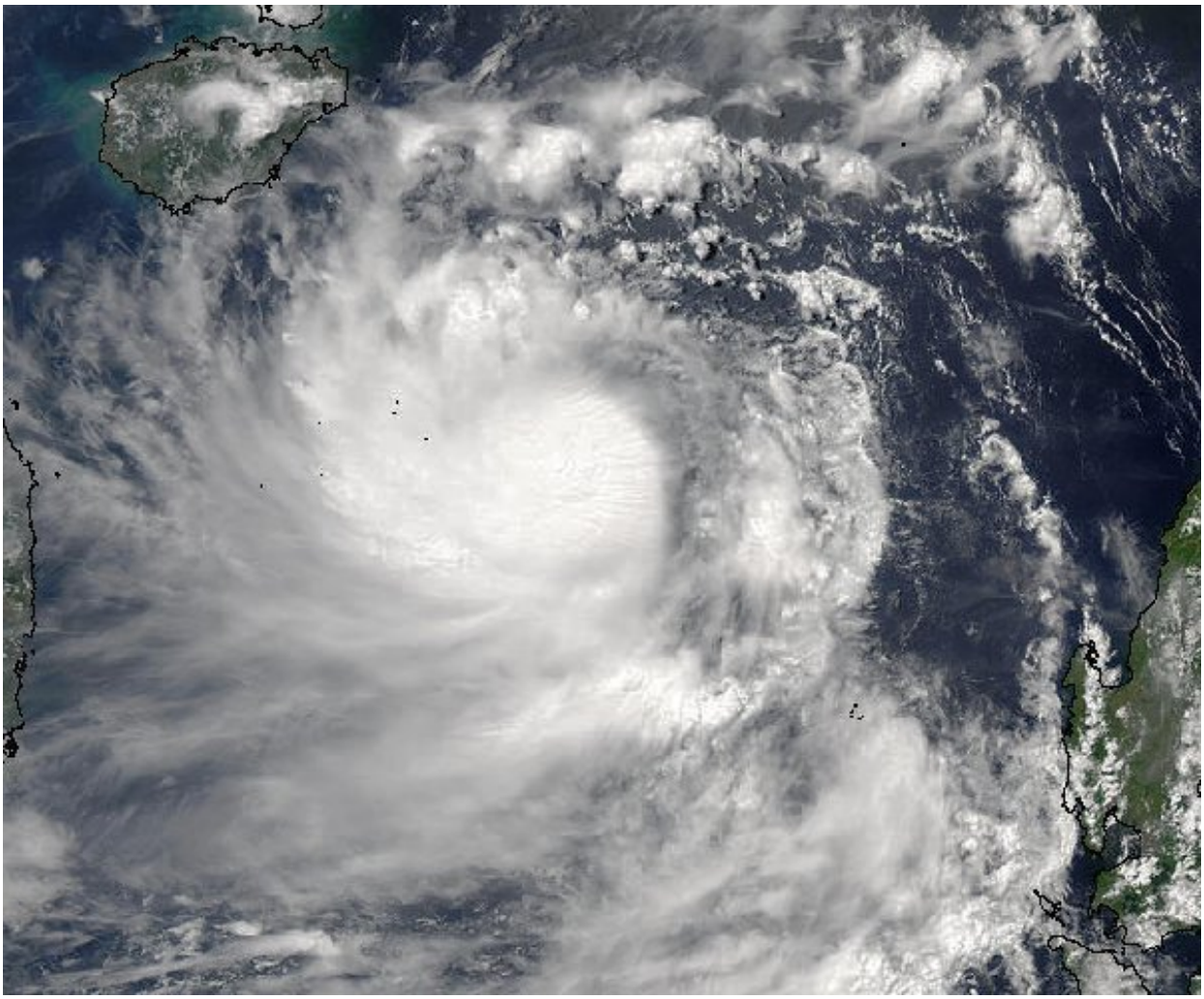
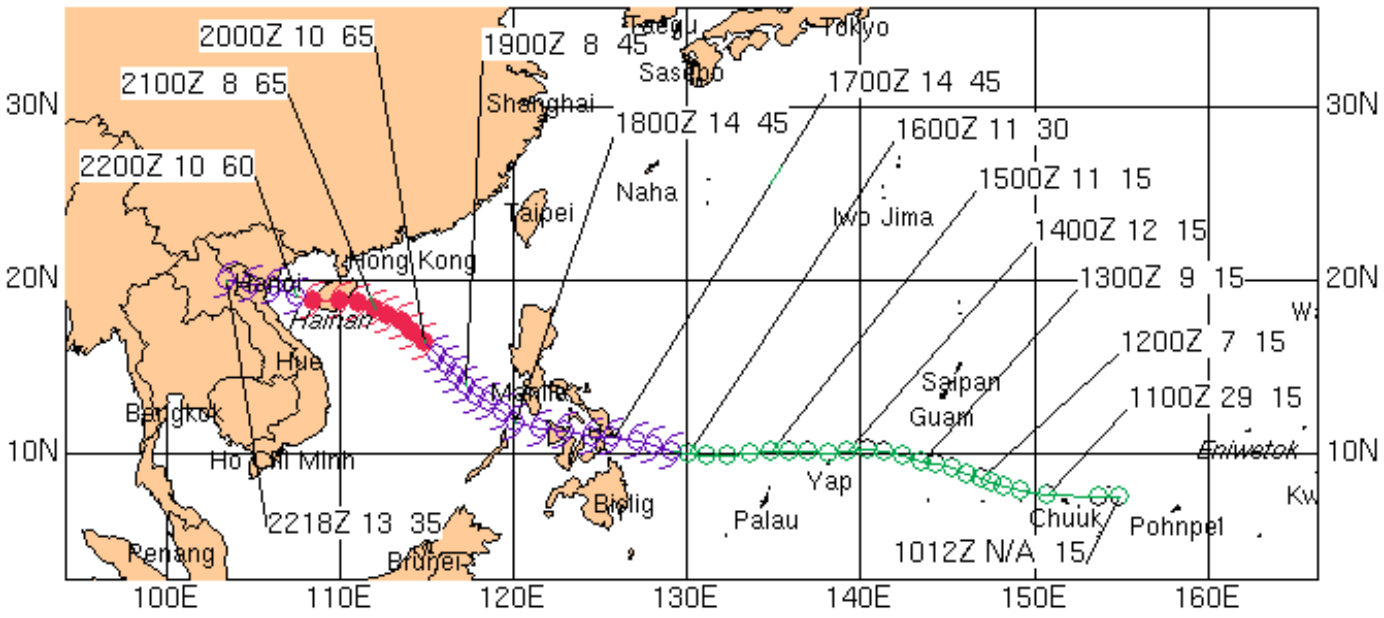


Figure 1-08W-2. 200530Z July 2003 MODIS true-color image of TY 08W (Koni), located in the South China Sea, with a maximum intensity of 65 knots.

TYPHOON 08W (KONI)
15 - 22 JULY 2003



LEGEND

24-HR BEST TRACK POSITION

TROPICAL DISTURBANCE/ TROPICAL DEPRESSION

TROPICAL STORM

TYPHOON/SUPER TYPHOON

24-HR BEST TRACK POSITION IDENTIFICATION

DTG	SPD(KT)	INT(KT)
XXXXZ	XX	XX

Time Intensity for 08W